

A WIND POWER PLANT

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Inventor(s): LEIJON MATS (SE); KYLANDER GUNNAR (SE)
Applicant(s): LEIJON MATS (SE); ABB AB (SE); KYLANDER GUNNAR (SE)
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Abstract

A wind power plant comprising at least one wind power station (26), which includes a wind turbine, an electric generator (1) driven by this wind turbine and a rectifier (27), and an electric direct voltage connection (29) between the rectifier arranged at the wind power station and an inverter (30), the alternating voltage side of which is connected to a transmission or distribution network (31), the inverter being arranged on the network side of the plant. An underwater cable (33) or the like being included in the direct voltage connection (29). The plant comprises a DC/DC-converter (34) having a low voltage side electrically connected to the rectifier (27) and a high voltage side electrically connected to the inverter (30). The inverter (30) is arranged on the wind power station side of the underwater cable (33). With advantage, several wind power stations (26) are parallel connected on the low-voltage side of the DC/DC-converter (34).

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